

Unit 36: Cytology in Practice

Level:	4
Unit type:	Optional (Laboratory Science)
Credit value:	30
Guided learning hours:	240

Unit summary

In this unit, you will apply the knowledge and skills gained in *Unit 19: General Laboratory Practice* to work in a cytology setting. You will also be required to demonstrate appropriate attitudes and behaviours and integrate your learning as you develop your professional practice.

Unit assessment requirements

There are no specific assessment requirements for this unit, however **learners completing this unit must also complete *Unit 19: General Laboratory Practice***. Please refer to the assessment strategy in *Annexe B*.

Additional information

All procedures must be undertaken in accordance with the Standard Operating Procedure (SOP).

AC2.3 could include:

- NHS cervical screening programme inspection.

AC2.7 includes:

- Papanicolaou stain (PAP)
- Romanowsky staining in cytology.

AC3.1 includes:

- patient pathways where cytology services contribute to diagnosis and/or long-term monitoring
- the use of cytology results in patient pathways
- common symptoms experienced by a person in patient pathways.

Learning outcomes and assessment criteria

To pass this unit, learners need to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria outline the requirements that the learner is expected to meet **in own area of work and in accordance with Standard Operating Procedures (SOPs)** to achieve the learning outcomes and the unit.

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
1	Understand the principles and practice of cytology	1.1	Describe the range of common samples sent to a cytology department for analysis			
		1.2	Discuss safe handling and preparation of cytology specimens			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
2	Be able to perform routine analysis on automated/semi-automated and/or manual equipment in cytology to specified quality standards	2.1	Explain the principles and practice of quality control, external quality assessment and quality management in cytology			
		2.2	Explain the role of laboratory accreditation in cytology			
		2.3	Explain the role of audit in cytology			
		2.4	Apply and maintain quality standards and related quality control, assessment and management techniques			
		2.5	Process a range of gynaecology specimens in cytology			
		2.6	Process a range of non-gynaecology specimens in cytology			
		2.7	Perform sample staining			
		2.8	Prepare specimens (cell blocks) for immunohistochemistry for a range of samples to support the differential diagnosis of malignant disease			
		2.9	Demonstrate the use of molecular pathology techniques on a range of cytology gynaecology samples appropriate to cytology			
		2.10	Compare the process of report generation and distribution in gynaecology and non-gynaecology cytology			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
3	Understand the impact of cytology on patients and the work of the multidisciplinary team	3.1	Discuss the role of cytology in patient care pathways			
		3.2	Discuss how a cytological diagnosis contributes to personalised medicine			
		3.3	Explain how multidisciplinary teams work in cytology settings as part of the delivery of high-quality, safe, patient-centred services			

Learner name: _____

Date: _____

Learner signature: _____

Date: _____

Assessor signature: _____

Date: _____

Internal verifier signature: _____

Date: _____

(if sampled)